#### 4-1. Maintenance and care

# Cleaning and protecting the vehicle exterior

Perform the following to protect the vehicle and maintain it in prime condition.

## Standard Colors and Special Selection Colors (except Matte Black)

- 1 Working from top to bottom, liberally apply water to the vehicle body, wheel wells and underside of the vehicle to remove any dirt and dust.
- 1 Wash the vehicle body using a sponge or soft cloth, such as a chamois.
- 1 For hard-to-remove marks, use car wash soap and rinse thoroughly with water.
- 1 Wipe away any water.
- 1 Wax the vehicle when the waterproof coating deteriorates.
  - If water does not bead on a clean surface, apply wax when the vehicle body is cool.

## Matte Black (Special Selection Color)

- 1 Working from top to bottom, liberally apply water to the vehicle body, wheel wells and underside of the vehicle to remove any dirt and dust.
- 1 Wash the vehicle body using a sponge or soft cloth, such as a chamois.
- 1 For hard-to-remove marks, use a neutral detergent and rinse thoroughly with water.
- 1 Wipe away any water.
- 1 Never use wax or abrasive compounds.

#### n Automatic car washes

Do not use automatic car washes as they may scratch the vehicle body and damage the paint.

#### n High pressure car washes

- 1 Do not allow the nozzles of the car wash to come within close proximity of the windows or rear hatch.
- 1 Before car wash, check that the fuel filler door on your vehicle is closed properly.

#### n Aluminum wheels

- 1 Remove any dirt immediately by using a neutral detergent. Do not use hard brushes or abrasive cleaners. Do not use strong or harsh chemical cleaners. Use the same mild detergent and wax as used on the paint.
- 1 Do not use detergent on the wheels when they are hot, for example after driving for long distance in the hot weather.
- 1 Wash detergent from the wheels immediately after use.

## n Cleaning the rear quarter glass

As the rear quarter glasses are made of polycarbonate, follow the procedure below.

- STEP 1 Remove dust and dirt on the surface with plenty of water.
- STEP 2 Clean the surface using a mild soap or neutral detergent.
- STEP 3 Rinse it with adequate water.

## n Cleaner precaution

Do not use abrasive cleaners.

## n Outside rear view mirror rain-clearing coating

Observe the following precautions in order to retain the rain-clearing properties of the mirrors:

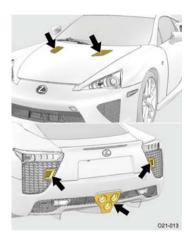
- 1 Clean the mirrors using a car shampoo or glass cleaner that does not contain silicone or an abrasive compound, and rinse thoroughly with water.
- 1 Allow the mirrors to be exposed to direct sunlight for 1 to 2 days.

## **A** CAUTION

#### n When washing the vehicle

Do not apply water to the inside of the engine compartment. Doing so may cause the electrical components etc. to catch fire.

## n To prevent burns



When washing the vehicle, be careful not to touch the hood grilles, bezels in the radiator grilles, or exhaust pipes and surrounding area until they have cooled sufficiently, as these components may cause burns.

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## **NOTICE**

### n Application of coatings to the vehicle body

Do not apply any kind of coating to the vehicle body as doing so may damage the paint or reduce its durability.

n To prevent paint deterioration and corrosion on the body and components (aluminum wheels etc.)

Observe the following precautions:

- 1 Wash the vehicle immediately in the following cases:
  - · After driving near the sea coast
  - · After driving on salted roads
  - · If coal tar or tree sap is present on the paint surface
  - If dead insects, insect droppings or bird droppings are present on the paint surface
  - After driving in an area contaminated with soot, oily smoke, mine dust, iron powder or chemical substances
  - · If the vehicle becomes heavily soiled with dust or mud
  - If liquids such as benzene and gasoline are spilled on the paint surface
- 1 If the paint is chipped or scratched, have it repaired immediately.
- 1 To prevent the wheels from corroding, remove any dirt and store in a place with low humidity when storing the wheels.

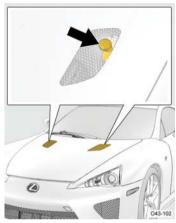
For the Matte Black, pay attention to the following as well:

- If anything is spilled on a painted surface, wipe it off as soon as possible.
  If spilled washer fluid or alkaline fluids are left as is, the paint in the affected area may deteriorate, causing blemishing.
- 1 Do not wax or apply coating to the vehicle.Doing so may cause a change in the body surface's texture or irregularities in the paint.

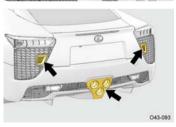


#### n When washing the vehicle

Observe the following precautions to prevent damage to the exhaust system:



1 Do not flush water over or into the hood grilles (especially the arrowed portion in the illustration).



1 Do not flush water over or into the exhaust pipes and surrounding area or the bezels in the radiator grilles until they have cooled sufficiently.

## n Cleaning the exterior lights

- 1 Wash carefully. Do not use organic substances or scrub with a hard brush. This may damage the surfaces of the lights.
- 1 Do not apply wax on the surfaces of the lights. Wax may cause damage to the lenses.

# **↑** NOTICE

### n Rear quarter glass

As the rear quarter glass is made of polycarbonate and easily damaged, observe the following precautions:

- 1 When cleaning the rear quarter glass:
  - Do not use wax, window cleaner or abrasive cleaner.
  - Do not touch glass surface with anything hard or sharp.
  - Do not use window scraper or deicer.
- 1 Do not attach stickers or apply water repellent coating to the rear quarter glass. Contact with glue or other agents may cause the glass to become cloudy or blemished.

### n Air inlets



Do not insert foreign objects into the air inlets as doing so may damage the body or radiator components. Should an object become lodged in an air inlet, do not attempt to take it out. Instead, contact your Lexus dealer.

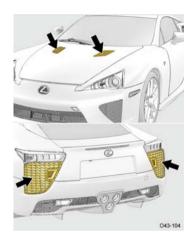
## ${ m n}\ \ { m Rear}\ { m quarter}\ { m fin}\ ({ m if}\ { m equipped})$



Do not apply force to the rear quarter fin such as by pressing on it as doing so may cause damage.



## ${\rm n}\ \ \mbox{When using high pressure car washes}$



Do not aim the head of the nozzle at the hood grilles or radiator grilles.

Doing so may negatively affect the engine or cause a malfunction in the electric cooling fan motors that may result in overheating.

# Cleaning and protecting the vehicle interior

The following procedures will help protect your vehicle's interior and keep it in top condition:

## n Protecting the vehicle interior

Remove dirt and dust using a vacuum cleaner. Wipe dirty surfaces with a cloth dampened with lukewarm water.

## $n\,$ Cleaning the plastic areas and the satin-finish metal accent areas

- 1 Wipe dirty surfaces with a dampened soft cloth or synthetic chamois.
- 1 Wipe away any remaining moisture with a soft, dry cloth.

## n Cleaning the CFRP (Carbon Fiber Reinforced Plastics) areas

- 1 Wipe dirty surfaces with a dampened soft cloth or synthetic chamois.
- 1 Wipe away any remaining moisture with a soft, dry cloth.

Do not rub the matte painted surfaces strongly as doing so may damage the surface or cause it to shine.

## n Cleaning the leather areas

- 1 Remove dirt and dust using a vacuum cleaner.
- 1 Wipe off any excess dirt and dust with a soft cloth dampened with diluted detergent.
  - Use a diluted water solution of approximately 5% neutral wool detergent.
- 1 Wring out any excess water from the cloth and thoroughly wipe off all remaining traces of detergent.
- 1 Wipe the surface with a dry, soft cloth to remove any remaining moisture. Allow the leather to dry in a shaded and ventilated area.

# n Cleaning the artificial leather (Alcantara®) areas

- 1 Brush the surfaces using a soft brush.
  - Do not brush hard as doing so may cause damage.
- 1 Wipe the surfaces clean with a soft cloth that has been dampened in cold or lukewarm water and squeezed out.
- 1 Allow the artificial leather (Alcantara<sup>®</sup>) to dry in a shaded and ventilated area.

#### n Caring for leather areas

Lexus recommends cleaning the interior of the vehicle at least twice a year to maintain the quality of the vehicle's interior.

## n Shampooing the carpets

There are several commercial foaming-type cleaners available. Use a sponge or brush to apply the foam. Rub in overlapping circles. Do not use water. Wipe dirty surfaces and let them dry. Excellent results are obtained by keeping the carpet as dry as possible.

#### n Seat belts

Clean with mild soap and lukewarm water using a cloth or sponge. Also check the belts periodically for excessive wear, fraying or cuts.

## n Cleaning the partition glass

As the partition glass is made of polycarbonate, follow the procedure below.

- STEP 1 Remove dust with a soft, dampened cloth.
- STEP 2 Clean the surface using a mild soap or neutral detergent.
- STEP 3 Remove residual soap or detergent with a dampened cloth.
- STEP 4 Wipe away any remaining moisture with a soft, dry cloth.

## **A** CAUTION

#### n Water in the vehicle

- 1 Do not splash or spill liquid in the vehicle. Doing so may cause electrical components etc. to malfunction or catch fire.
- 1 Do not get any of the SRS components or wiring in the vehicle interior wet.  $(\to P.63)$

An electrical malfunction may cause the airbags to deploy or not function properly, resulting in death or serious injury.

## n Cleaning the interior (especially instrument panel)

Do not use polish wax or polish cleaner. The instrument panel may reflect off the windshield, obstructing the driver's view and leading to an accident, resulting in death or serious injury.

### n Cleaning the leather areas of the instrument panel

Do not use any protective agents (coatings etc). Doing so may cause the instrument panel to reflect onto the windshield, obstructing the front view and possibly causing an accident.

# **⚠** NOTICE

### n Cleaning detergents

- 1 Do not use the following agents, as they may discolor the vehicle interior or cause streaks or damage to painted surfaces:
  - · Organic solvents such as benzene, thinner, gasoline or alcohol
  - · Alkaline or acidic detergent, dye, or bleach
- 1 Do not use polish wax or polish cleaner. The instrument panel's or other interior part's painted surface may be damaged.

### n Preventing damage to leather surfaces

Observe the following precautions to avoid damage to and deterioration of leather surfaces:

- 1 Remove any dust or dirt from leather surfaces immediately.
- 1 Do not expose the vehicle to direct sunlight for extended periods of time. Park the vehicle in the shade, especially during summer.
- 1 Do not place items made of vinyl, plastic, or containing wax on the upholstery, as they may stick to the leather surface if the vehicle interior heats up significantly.

#### n Floor mats

Do not wash the mats with water as doing so may damage the leather.

#### n Water on the floor

Do not wash the vehicle floor with water.

Vehicle systems may be damaged if water comes into contact with electrical components such as the audio system above or under the floor of the vehicle.

## n Partition glass

As the partition glass is made of polycarbonate and easily damaged, observe the following precautions:

- 1 When cleaning the partition glass:
  - · Do not use wax, window cleaner or abrasive cleaner.
  - Do not touch glass surface with anything hard or sharp.
- 1 Do not attach stickers to the partition glass.
  Contact with glue or other agents may cause the glass to become cloudy or blemished.

## **♠** NOTICE

## n Cleaning the inside of the rear window

- 1 Do not use glass cleaner to clean the rear window, as this may cause damage to the rear window defogger heater wires or antenna. Use a cloth dampened with lukewarm water to gently wipe the window clean. Wipe the window in strokes running parallel to the heater wires or antenna.
- 1 Be careful not to scratch or damage the heater wires or antenna.